

**REMARKS**

Claims 1-3, 9-11 and 18-24 are all the claims pending in the application.

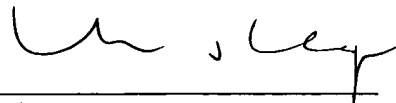
In an Advisory Action dated March 9, 2006, The Examiner indicates that the Amendment filed February 21, 2006 was not entered. The Examiner indicates that Applicant's proposed amendment overcomes all previous prior art rejections. However, the claims continue to stand rejected as being based upon a defective reissue declaration under 35 U.S.C. § 251. See 37 C.F.R. § 1.175. The Examiner states that "Receipt of an appropriate supplemental oath/declaration under 37 C.F.R. § 1.75(b)(1) will overcome this rejection under 35 U.S.C. § 251. Refer to page 4 of the previous Office Action."

Applicants have executed the enclosed Supplemental Reissue Declaration. Applicants believe that this Declaration complies with applicable USPTO requirements. However, if changes are believed necessary, the Examiner is requested to point them out with particularity and suggested changes if possible.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



Alan J. Kasper  
Registration No. 25,426

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: April 20, 2006



Q60198  
PATENT APPLICATION

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Reissue Application of

**Jae-moon JO and Je-Chang JEONG**

Reissue Application of U.S. Patent  
No. 5,793,897 issued on August 11, 1998  
Filed: August 11, 2000

U.S. Appl'n. No. 09/654,939

For: **APAPTIVE VARIABLE-LENGTH CODING AND DECODING METHODS FOR  
IMAGE DATA**

**SUPPLEMENTAL REISSUE DECLARATION UNDER 37 C.F.R. 4.1.175**

We, **Jae-moon JO**, of Kyungki-do, Republic of Korea and **Je-Chang JEONG**, of Seoul, Republic of Korea, do hereby declare and state as follows:

Our residence, post office address and citizenship are as stated below next to our names.

We believe that we are the original and first and joint inventors of the invention **APAPTIVE VARIABLE-LENGTH CODING AND DECODING METHODS FOR IMAGE DATA** which is described and claimed in the above-identified U.S. Patent No. 5,793,897, issued August 11, 1998 (the '897 Patent), and assigned to Samsung Electronics Co., Ltd., the specification of which was submitted in an application for reissue having U.S. Serial Number 09/638,796 and filed on August 11, 2000 (the '796 Reissue Application), and the specification of which was submitted in the above- referenced application for reissue on August 31, 2000, which is a divisional of the '796 Reissue Application and contains claims originally filed in the '796 Reissue Application and subsequently cancelled therefrom.

We affirm that we have reviewed and understand the contents of the specification of the present application, including the claims, as amended in this application for reissue on February 21, 2006.

In compliance with 37 C.F.R. § 1.175(a)(7) and 1.63(b)(3), we hereby acknowledge our duty to disclose information of which we are aware, which is material to patentability as defined

in 37 C.F.R. § 1.56.

Priority is claimed under 35 U.S.C. § 119 from December 16, 1993 and December 15, 1994 based on Korean Patent Application Nos. 93-28074 and 94-34497, respectively.

We previously executed a Declaration in support of all of the original claims in the '796 Reissue Application on August 24, 2000, which on information and belief was filed in the U.S. Patent and Trademark Office in connection with the '796 Reissue Application on November 8, 2000, and was filed in the above-referenced reissue application on December 22, 2000 (hereinafter the "First Declaration").

Supplemental to our First Declaration, and in compliance with 37 C.F.R. § 1.175(a), we hereby declare and state that the above-identified U.S. Patent No. 5,793,897 is believed to be at least partly inoperative for the reason that we had claimed less than we had the right to claim in the patent.

The purpose of seeking a reissue patent is to correct the insufficiency in the patented claims by presenting new claims that are commensurate with the true scope of our invention.

Pursuant to 37 C.F.R. § 1.175(a)(1), we state the following as at least one error in the '897 Patent, which is relied on as a basis for this reissue. Claim 1 of the '897 Patent is directed to "an adaptive variable-length coding method" and recites a step of "setting a plurality of variable-length coding tables having different patterns of a regular region and an escape region according to statistical characteristics of said run, level data." However, we believe that the language "having different patterns of a regular region and an escape region according to statistical characteristics of said run, level data" excessively limits the type of variable-length coding tables that can be set to perform the objects of the invention. As such, we believe that new claims should be added that do not limit the types of variable-length coding tables that can be employed by this adaptive variable-length coding method to those set "according to statistical characteristics of said run, level data."

At the time of filing the '796 Reissue Application on August 11, 2000, a new independent claim 8 was added in the '796 Reissue Application that did not include a recitation requiring the variable-length decoding tables to be set "having different patterns of a regular region and an escape region according to statistical characteristics of said run, level data." New claim 9, which depended from claim 8, specified that "said variable-length coding tables have different patterns of a regular region and an escape region." Accordingly, new dependent claim

9 in the '796 Reissue Application corrected an error in claiming less than we had a right to claim. With the filing of the present Reissue Application as a divisional of the in the '796 Reissue Application, claims 8 and 9 appeared in the present application and were cancelled from the '796 Reissue Application.

Claim 8, as originally submitted in the above-referenced application, was directed to an adaptive variable-length coding method in which a plurality of variable-length coding tables are set, and in which one of a plurality of variable length coding tables is selected according to the intra/inter mode information, scanning position and quantization step size, wherein the selecting step has the selecting range of a plurality of variable-length coding tables. The quantized orthogonal transform coefficients are variable length coded according to the selected variable length coding table.

Following examination, we became aware that claim 8 had errors in claiming more than we had a right to claim and so claim 8 was cancelled and replaced by new claim 18 that defined our invention as having the same characteristics as claim 8, but further including the requirements that the plurality of variable-length coding tables comprise: a table selectable for an alternating-current (AC) component of an intra mode that is different from a table selectable for an inter mode, and a table selectable for a direct-current (DC) component of said intra mode. Claim 9 was made to depend from claim 18.

Following further examination, we became aware that claim 18 had errors in claiming more than we had a right to claim and so claim 18 was cancelled and claim 9 was placed into independent form, by incorporating all of the limitations of claim 18, in order to define our invention.

Accordingly, on the basis of an examination of our original claim 8, we were able to identify precisely the errors made with respect to original claim 1 and we now look to allowed claim 9 to correct these errors.

Pursuant to 37 C.F.R. § 1.1 75(a)(2), we state that all errors being corrected in the reissue application up to the time of filing this declaration arose without any deceptive intention.

We hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from

time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

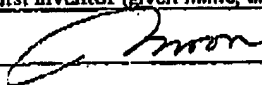
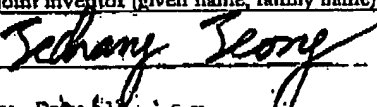
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We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name):		Jae-Moon JO	
Inventor's signature 		Date Mar. 22, 2006	
Residence KOREA		Citizenship Korean	
Mailing Address jinjd@samsung.com			
Full name of second joint inventor (given name, family name):		Je-Chang JEONG	
Inventor's signature 		Date 22 March 2006	
Residence Seocho-gu, Republic of Korea		Citizenship Korean	
Mailing Address			
0 Additional joint inventors are named on separately numbered sheets attached hereto.			